

FOLIO

"And on Your Left..."

Experience as a tour guide is not generally a required qualification for either a Vice-President (Research) or a Director of Research Services. In the past 12 months, however, such expertise has proved invaluable to Gordon Kaplan and Robert Armit. First, Economic Development; then Vencap; and following that, individuals and groups representing a wide range of government agencies and private businesses have made their way "across the river" to tour selected University R & D facilities.

While the focus of the various tours has been tailor-made to suit each group, their common purpose is to

communicate the numerous and varied research thrusts at the University which have important implications for government agencies, private industry, and the citizens of Alberta.

Selecting the labs to be highlighted on each tour is critical, according to Robert Armit, Director of Research Services. He believes that a cross-section of all facets of University research should be included. Medicine, science, and engineering are emphasized, but not at the expense of the humanities and social sciences. A mix of basic and applied research is also important. Hence, research scientists in such varied areas as immunology,

electrical engineering, physics, anthropology, zoology, and agriculture have all been visited by one or more of the tours Mr. Armit has arranged. In every case, he says, support from faculty members has been tremendous. "The key to the success of our tours has really been the way in which everyone involved has cooperated with us."

Recent tours have seen such distinguished visitors as Stuart Smith, President of the Science Council of Canada; Louis Berlinguet, Secretary of the Ministry of State for Science and Technology; and Gordon MacNabb, President of the Natural Sciences and Engineering Research Council, visiting the campus. As well, two tours have recently been held for members of the University's Board of Governors, tours which, according to the Board's Administrative Director Brian Silzer, were a valuable learning experience for the Governors. "The Board is constantly wanting to be better informed about the University, and the tours enabled members to get out into the University community and get a real feel for what is happening. I would hope we can do this on a regular basis."

Board members new and old agree. "It was a very helpful experience," said newest Governor Sandy MacTaggart. "I was most impressed with the range of important research and also with the fine labs and equipment." Veteran Board members like Janet Bentley also found the tour valuable. "It was fascinating. I wish I had been able to go on both tours."

Other tours were and are in the offing. Late in March, for example, representatives from Alberta industry (including Westinghouse, Nova, Dow Chemical, PCL, GE, and Sherritt Gordon) toured facilities and talked shop with various members of staff.

At the close of April, a news media delegation will be on campus for a backgrounder designed to foster communication between the University and the various print and electronic media outlets in the city.

As the academic year draws to a close, the formal tours begin to wind down. But various efforts to increase awareness and foster communication between the University's research arm and the people of Alberta will undoubtedly continue. □

Medical Exchange Formalized

Another extension of the developing relationship between the Province of Alberta and the Prefecture of Hokkaido, Japan, was set in place 16 March. Members of the University's Faculty of Medicine formalized an agreement with Sapporo Medical College which provides for an exchange of medical scientists and clinicians.

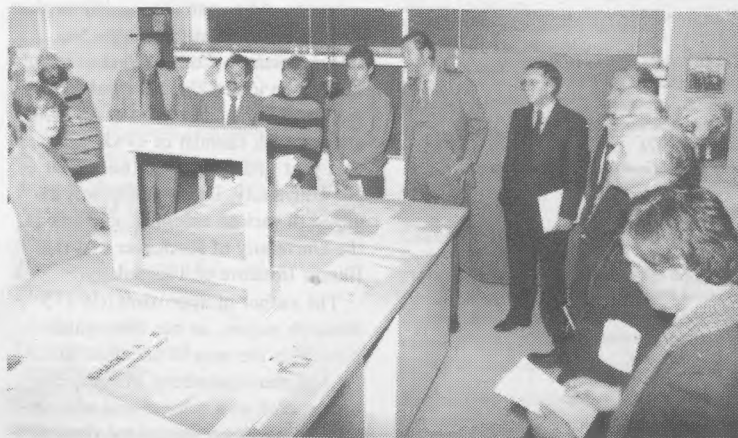
Under the terms of the agreement (which includes the University of Calgary and the University of Hokkaido), each year one clinician from Japan and one from Alberta will spend two weeks in the host centre. In addition, exchange of research scientists will be for up to four months to "permit time for mutually useful exchange of research expertise."

The exchange program was initiated by Sapporo, says T.A. McPherson, Assistant Dean (Scientific Affairs), Faculty of Medicine, one of three University representatives who were guests of Sapporo Medical College in mid-March. (Joining him

were Robert Fraser, Acting Dean of Medicine, and R. Wensel, Clinical Professor of Medicine.) The agreement is part of Sapporo's Northern Region Exchange Program, and is the only such formal arrangement in which the Faculty of Medicine currently participates. While the initial agreement is for a two-year period, Dean Fraser anticipates that both this University and Sapporo would view an extension in a favorable light.

Dr. Wensel, a specialist in gastroenterology, spent two weeks at Sapporo. During his exchange visit he gave several lectures and observed what he described as "very advanced and effective diagnostic facilities."

According to Dean Fraser, Sapporo Medical College has an international reputation as a first class clinical and research facility. Consequently, he expects that the exchange agreement will be "of significant mutual benefit." □



University Governors on tour.

Lectureship to Focus on Nursing Research

Faculty members, master's students, and clinical associates in Nursing will join together Wednesday, 18 April, for the Faculty's first Nursing Research Day. An opportunity for faculty and students to share research endeavors with colleagues in the University and nurses in the community, the day-long seminar is provided for under the terms of the newly established Margaret Scott Wright Lectureship.

The Lectureship, announced recently by Jannetta MacPhail, Dean of Nursing, recognizes the "outstanding contributions of Dr. Wright to the development of nursing research, nursing practice, and nursing education in Great Britain and Canada." The announcement coincides with Dr. Wright's retirement as Dean of Nursing at the University of Calgary.

The first person to hold a chair in nursing at a European university, Dr. Wright has held key positions in both nursing administration and nursing research in Great Britain. She initiated the development of a Nursing Research Unit at the University of Edinburgh, giving vital leadership in the development of the unit now recognized internationally for the prepara-

tion of nurses in research at the doctoral level and for the quality of research conducted in nursing practice, administration, and education. Dr. Wright has held appointments at the University of Edinburgh; Dalhousie University (Professor and Director, School of Nursing); and, most

recently, the University of Calgary.

The Wright Lectureship provides for an annual lecture or conference to be held at the University; while the format may vary from year to year, the focus will always be nursing research. Presentations at Research Day include such varied topics as an over-

view of the University's role in nursing in Canada; the importance of teacher/student relationships; the use of computer-managed instruction; patients' and professionals' perceptions of health; sources of student stress; and several sessions focussing on pediatrics and maternity nursing. □

Harry Gunning to be Awarded Honorary Degree

Simon Fraser University, citing Harry Gunning's "outstanding achievements as a scholar and as an administrator," will award the former President of our University an honorary Doctor of Laws degree *honoris causa*.

Dr. Gunning, former Governor-General Edward Schreyer, and B.C. educator Frank Beinder will accept degrees 9 June at SFU's 1984 convocation ceremonies.

Dr. Gunning and Mr. Schreyer will serve as distinguished visitors at the university and give convocation addresses.

Professor Emeritus of Chemistry, Dr. Gunning has been a university teacher, researcher and administrator for close on 50 years. He came to the University of Alberta in 1957 as Professor and Chairman of the Department of Chemistry; his term as President was 1974 to 1979.

A native of Toronto, Dr. Gunning emerged from that city's largest university with a BA (1939), MA (1940), and PhD (1942) in the field of ionic solutions. After one year at Harvard University as a United States National Research Council Post-doctoral Fellow, he joined the National Research Council of Canada as an assistant research chemist in 1943. Between that year and the start of his career at our University, Dr. Gunning was engaged in various teaching positions at the University of Rochester and the Illinois Institute of Technology.

The author of approximately 175 research papers, he has distinguished himself in the area of chemical kinetics and photochemistry. His achievements, both as a scholar and administrator, have been recognized through a number of awards, including the



Harry E. Gunning

Chemical Institute of Canada Medal (1967), and the Province of Alberta Achievement Award (1971 and 1979), through his standing as a distinguished member of the Inter-American Photochemical Society, Of-

ficer of the Order of Canada (1979), and President of the CIC (1973-74).

Dr. Gunning has been awarded honorary degrees by the University of Guelph (1969), Queen's University (1974), and the University of Victoria (1978).

The transfer of technology from universities to industry has captivated his interest for some time. He served as President and Chief Executive Officer of Chembiomed Ltd., and is a consultant to the Alberta Department of Economic Development, Chairman of the Edmonton Research and Development Park Authority, and a member of the Board of the Alberta Oil Sands Technology and Research Authority.

Other involvements have included terms as Chairman of the Canadian Broadcasting Corporation's advisory board in science and technology and as a member of the honorary advisory committee of the National Research Council. □

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Faculty Women's Club Prepping for AGM, Dinner

The Faculty Women's Club's focus on its 50-year history culminates in an Annual General Meeting and Dinner 25 April at 7 p.m. in the Banquet Room of Lister Hall.

Under the direction of Alice Coutts, a program of songs and fashion reminiscent of the past five decades will be presented. Fashions of this period were also modelled at the Club's Anniversary Luncheon 5 November.

Club spokesperson Lee Andrew is hopeful that "many of our senior members will join us in celebrating this special evening." For attendance purposes, they are urged to team up with a friend or call the executive if assistance is needed.

Tickets are \$14 and are available from all Interest Group convenors and from Laura Steadward, 436-7676. □

Fund Development Appoints Associate Director

Take 14 years' experience as an Edmonton fund raiser, blend with an optimistic attitude, a high energy level, and a belief in the strengths of the University of Alberta and you have Margaret (Meg) Clarke, the newest member of the University's Fund Development team.

Recently appointed Associate Director, Alumni Giving, Mrs. Clarke's chief responsibility will be the development and implementation of a comprehensive alumni giving program. Considering the economic climate and the fact that the University's 90,000 alumni are scattered across the globe, this is no easy task. But Mrs. Clarke seems worried not at all. "So many people are terrified to ask for money," she submits. "The important thing is to know the right people to ask and the right way to ask them...and then not be afraid to do it."

The new job is more complex than that, however. Fund raising policies and procedures will have to be implemented and analysed, as will demographic profiles of University do-

nors; social events and various other public relations activities will have to be organized; and an army of committed volunteers will have to be marshalled. Mrs. Clarke's varied background makes her well suited to the task. For the past five years she has worked for the Provincial Museum of Alberta, her responsibilities including the research, preparation and interpretation of the many and ever changing displays. In addition to her "job job," she has been an active volunteer with the Edmonton Symphony Orchestra since arriving in Edmonton in 1970. Currently the President of the ESO, she is only the third woman ever to hold the senior position, and the first person ever to work up "through the ranks" of volunteers into the presidency.

Mrs. Clarke is no stranger to a university environment. A graduate of both the University of Kansas (Lawrence) and the University of Chicago, she taught history at this University in the early 1970s. She believes that part of her job is being able to commu-

nicate the University's many strengths to its many alumni. "It's not enough just to ask for money," she emphasizes. "It's important that donors know what's happening here and why their support is so important."

Effective liaison with the Office of Alumni Affairs will clearly be critical to a successful alumni campaign. With Susan Peirce, Director of Alumni Affairs, Mrs. Clarke will work toward the establishment of an increasing number of alumni branches

throughout North America. Her initial goal is to increase the number of alumni supporting the University. "Getting them on the list is the critical first step," she explains. "The amount that donors contribute is important. But just as important is the commitment that the donations represent. The rapport that is established when people participate is just as important as the money they donate. The spin-offs from that sense of identity are fantastic."□

Mathematics Team Prominent in Putnam Examination

Arthur Baragar, Robert Morewood, and David Salopek formed the University of Alberta Mathematics Department Team in the 1983 Putnam Examination. Of the 256 teams from the United States and Canada, the University team placed in the top 10, winning an Honorable Mention. They

placed in the "second group of five" with Yale, Harvard, Memorial, and Queen's.

Robert Morewood placed in the top 44 individuals of the 2,055 students who wrote the exam. The team was coached by Andy Liu.□

Library Hours For Easter Weekend 20 to 23 April

20 April, Good Friday

Cameron Library 0900-2100
Circulation Services 0900-1645
Government Publications 1000-1700
Health Sciences Reserve 0900-1645
Reserve Reading Room 0900-1645
Science and Technology Library (Reference) To be posted

Rutherford Libraries

Galleria 0700-2400
Study Hall 0700-2400

Rutherford North (Humanities and Social Sciences Library)

Library Building Open 0900-2100
Circulation Services 0900-1645
Reference Services Closed

Rutherford South (Periodicals and Microforms Centre)

Periodicals Reading Room 0900-2100
Micromaterials Room Closed
Circulation Services 0900-2045

Herbert T. Coutts (Education) Library

Building Open 0900-1700
Curriculum Library Open 0900-1700
Circulation Services 0900-1645
Reserve Room 0900-1645

Law Library 0830-2200

The following areas will be closed:
Special Collections } Cameron Library
Interlibrary Loans }
Fines and Library Card Office }

Computing Science Reading Room
John W. Scott Branch Library
Mathematics Branch Library
Micromaterials Room, Periodicals and Microforms Centre
Physical Sciences Branch Library
Faculté Saint-Jean

21 April, Saturday

Cameron Library 1000-2100
Circulation Services 1000-1645
Government Publications 1000-1700
Health Sciences Reserve 1000-1645

Reserve Reading Room 1000-1645
Science and Technology (Reference) 1000-1700

Rutherford Libraries

Galleria 0700-2400
Study Hall 0700-2400

Rutherford North (Humanities and Social Sciences Library)

Library Building Open 1000-2100
Circulation Services 1000-1645
Reference Services 1000-1700

Rutherford South (Periodicals and Microforms Centre)

Periodicals Reading Room 1000-2100
Micromaterials Room 1000-2045
Circulation Services 1000-2045

Herbert T. Coutts (Education) Library

Building Open 0900-1800
Curriculum Library Open 0900-1630
Circulation Services 1000-1645
Reserve Room 1300-1645
Reference Services:
Education 1200-1630
Curriculum 1100-1630

Law Library 0830-2200

J.W. Scott Library 0900-1700

Faculté Saint-Jean 1300-1700

The following areas will be closed:
Fines and Library Card Office
Interlibrary Loans
Special Collections
Computing Science Reading Room
Mathematics Branch Library
Physical Sciences Branch Library

22 April, Sunday

Cameron Library 1000-2400
Cameron Information Desk 1000-1700
Circulation Services 1000-1645
Government Publications Closed
Health Sciences Reserve 1200-1600
Reserve Reading Room 1200-1645
Science and Technology (Reference) 1200-1700

Rutherford Libraries

Galleria 0900-0200
Study Hall 0900-0200

Rutherford North (Humanities and Social Sciences Library)

Library Building Open	1000-2400
Circulation Services	1000-1645
Reference Services	1000-1700

Rutherford South (Periodicals and Microforms Centre)

Periodicals Reading Room	1000-2400
Micromaterials Room	Closed
Circulation Services	1000-2345

Herbert T. Coutts (Education) Library

Building Open	1000-2300
Curriculum Library Open	1000-1730
Circulation Services	1000-1745
Reserve Room	Closed
Reference Services:	
Education	1200-1730
Curriculum	1100-1730

Law Library 1200-2400

J.W. Scott Branch Library 1300-1700

Faculté Saint-Jean 1300-1700

23 April, Easter Monday

Cameron Library	0900-2400
Circulation Services	0900-1645
Government Publications	1000-1700
Health Sciences Reserve	0900-1645
Reserve Reading Room	0900-1645
Science and Technology Library (Reference)	To be posted

Rutherford Libraries

Galleria	0700-0200
Study Hall	0700-0200

Rutherford North (Humanities and Social Sciences Library)

Library Building Open	0900-2400
Circulation Services	0900-1645
Reference Services	Closed

Rutherford South (Periodicals and Microforms Centre)

Periodicals Reading Room	0900-2400
Micromaterials Room	Closed
Circulation Services	0900-2345

Herbert T. Coutts (Education) Library

Building Open	0900-2300
Curriculum Library Open	0900-1700
Circulation Services	0900-1645
Reserve Room	0900-1645

John W. Scott Branch Library

Law Library 0830-2400

Faculté Saint-Jean 1300-2200

The following areas will be closed:

Fines and Library Card Office	} Cameron Library
Interlibrary Loans	
Special Collections	

Computing Science Reading Room

Mathematics Branch Library

Micromaterials Room, Periodicals and Microforms Centre

Physical Sciences Branch Library

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Lectures and Seminars

Forest Science

12 April, 3:30 p.m. M.W. Stock, Department of Forest Resources, University of Idaho, "Genetic Studies of Forest Insects." 344 Chemical/Mineral Engineering Building.

Medicine

13 April, 8 a.m. T. Maguire, V. Bain and J. Farley, "Seek Ye the Cecum for the Answer May Lay Therein—3 Unusual Cases." 2-115 Clinical Sciences Building.

16 April, 8 a.m. Jessie Tenberg, Professor of Surgery and Pediatrics, Washington University in St. Louis, "Separation of Ischiopagus Conjoined Twins." 2-115 Clinical Sciences Building.

16 April, 4 p.m. Larry Wang, "Improving Cold Tolerance in Animals and Humans." 9-68 Medical Sciences Building.

16 April, 4 p.m. J.C. Hogg, Professor of Pathology, University of British Columbia, "Leukocyte Transit in the Lung in ARDS Syndrome." 6-101 Clinical Sciences Building.

17 April, 9 a.m. S. Galante, "Kawasaki Disease in Alberta." 2-115 Clinical Sciences Building.

18 April, 8 a.m. Dr. Burton and Angioplasty Group, "Angioplasty." 6-103 Clinical Sciences Building.

Library Science

13 April, 10 a.m. Jeanne-Marie Dureau, Directeur des Etudes, Ecole Nationale Supérieure des Bibliothèques, Villeurbanne, France, "Library and Archival Education in France." 3-01 Rutherford South.

13 April, 1 p.m. Jeanne-Marie Dureau, "Conservation: Problems, Trends, and Current Research." L3 Humanities Centre.

Statistics and Applied Probability

13 April, 2 p.m. Mervyn Stone, Visiting Commonwealth Fellow, "Going to Extremes—Extreme Value Theory and Applications." 657 CAB.

Political Science

17 April, 12:30 p.m. Malcolm Grieve, "Policy Analysis and Third World Wealth." 10-4 Tory Building.

Limnology and Fisheries Discussion Group

19 April, noon. Ed Ongley, Freshwater Institute, Winnipeg, "Nutrient Contaminant Pathways in Prairie Rivers." G-217 Biological Sciences Building.

people

Jim Hackler (Sociology) will participate in the Exchange of Scientists Program between France and Canada. This summer he will be studying juvenile justice systems in France. The program is sponsored by the National Research Council of Canada.

James G. MacGregor (Civil Engineering) has been named the Eminent Overseas Visiting Speaker for 1984 by the Institution of Engineers, Australia. Dr. MacGregor will lecture in nine Australian cities. His topics include "Safety and Limit States Design," "Stability of Concrete Frames," and "The Structural Design Process."

Rudy Wiebe (English) has accepted the invitation to occupy the Guest Chair of Canadian Studies at the University of Kiel, West Germany. He will teach Canadian literature during the summer term. Professor Wiebe will also be Author-in-Residence at the University of Augsburg for several weeks, as well as give readings and lectures on Canadian literature at the Universities of Aarhus, Denmark, Amsterdam, Munich, Vienna, and Lund, Sweden. The over-all term is 1 April to 30 June.

University of Alberta Library Hours Examination Period Spring 1984 Extended Library Hours

Commencing Monday, 16 April, until 27 April, Library Hours (except for Easter weekend—these will be posted separately) will be as follows:

**Herbert T. Coutts (Education) Library

Building Open	Monday-Friday	0745-2300
Saturday		0900-1800
Sunday		1000-2300
Curriculum Library		
Monday-Thursday		0745-2145
Friday		0745-1730
Saturday		0900-1630
Sunday		1000-1730

*Cameron Library

Building Open	Monday-Friday	0745-0100
Saturday		1000-0100
Sunday		1000-0100

Rutherford Libraries

Galleria	Monday-Thursday	0700-0200
Friday		0700-0100
Saturday		0700-0100
Sunday		0900-0200
Study Hall	Monday-Thursday	0700-0200
Friday		0700-0100
Saturday		0700-0100
Sunday		0900-0200

Rutherford North (Humanities and Social Sciences Library)

Building Open	Monday-Friday	0745-0100
Saturday		1000-0100
Sunday		1000-0100

**Rutherford South (Periodicals and Microforms Centre)

Building Open	Monday-Friday	0745-2400
Saturday		1000-2400
Sunday		1000-2400

**Faculté Saint-Jean

Monday-Thursday		0830-2200
Friday		0830-2200
Saturday		1300-2200
Sunday		1300-2200

*Extended Hours will remain in effect in Cameron Library until Tuesday, 8 May, because of Medical and Dental Examinations.

**Library Hours will vary in these libraries 27 April—please check posting in circulation areas.

Circulation Services and Reference hours will remain as posted. Variations from the above hours in other libraries will be posted.

Canadian Meteorological and Oceanographic Society

25 April, 7:30 p.m. P.E. Merilees, Chief Scientist, Canadian Climate Centre, Environment Canada, Toronto, "Nuclear Winter." 3-76 Tory Building.

Music

Department of Music

The following events will take place in Convocation Hall.

15 April, 3 p.m. A Faculty Recital with Harlan Green, flute, and Tiiu Haamer, piano.

27 April, 8 p.m. The University of Alberta Concert Choir Gala Banquet Concert—Leonard Ratzlaff, conductor.

Theatre

SUB Theatre

13 April, 8 p.m. Yardbird Productions presents Taj Mahal.

14 April, 8 p.m. Eden Road Promotions presents Quickflight and Steve Taylor. For more information, call Andrew Doubroff at 462-4744.

15 April, 1 and 3:30 p.m. The Yamaha Piano School Graduation Concert. For more information, call 451-3265.

17 April, 8 p.m. The Canadian Bar Association presents Law Day Forum. For more information, call Alan Lefever at 425-9510.

Non-Credit Courses

Computing Services

MTS (Michigan Terminal System)

MTS and Editor Fundamentals (Prerequisite)
AJ510 Operation and Visual Editing
MTS Overview (Prerequisite)

TEXTFORM

Introduction to Text Formatting (Prerequisite)

SPIRES

Introduction to SPIRES (Prerequisite)
Advanced SPIRES

Graphics

Introduction to Plotting
Integrated Graphics Overview

Statistics

Data Preparation for Statistical Packages (Prerequisite)
Introduction to SPSSx
SPSSx Conversion
Introduction to BMDP
Introduction to MIDAS
Introduction to MINITAB
Introduction to TROLL

Microcomputers

Introduction to the IBM PC
The above courses are offered regularly through the day with limited evening selections. Registration will be taken over the phone for all courses except evening courses. These may be made in person at 352 General Services Building, or by mail. Payment must accompany registration for all evening courses. Please make cheques payable to the University of Alberta.

Waiting List Courses

The following courses are only offered when a sufficient number of people express an interest.

Advanced Text Formatting
Courier Operation and Visual Editing
Introduction to Programming
Introduction to Typesetting
Introduction to APL
Introduction to the Array Processor
Introduction to APAL
Introduction to Clustan
Introduction to TSP
Introduction to Osiris

For more information on any of the courses listed above, telephone the Training Assistant at 432-2511, between 8:30 and noon, weekdays.

Extension

Real Estate Education

For further information on the courses listed below and others offered, telephone 432-5060.
Mortgage Finance Update

Business and Professional

For further information on the courses listed below, telephone 432-5066 or 432-5067.
Personal Computers for the Handicapped
Cost-Effective Office Management

Applied Behavioral Sciences Division

For further information on the courses listed below, telephone 432-5069.
Consultation Skills
Assertion and Interpersonal Skills Training
The Problem Client: Identification and Resolution of His/Her Problems
Courtroom Testimony and Helping Professionals
Meeting the Educational Needs of Gifted Children

Fitness and Lifestyle Courses

For further information, or a copy of the Spring '84 brochure, call 432-2015.
T'ai Chi
Fitness During Pregnancy
50 Plus and Fit Again
Fitness for Nurses
Feldenkrais—Awareness Through Movement

Educational Travel

For further information on the courses listed below, telephone 432-3037 or 432-5038.
Queen Charlotte Ecological Hiking Trip
West Coast Safari Sailing Trip

Dentistry

For further information on the courses listed below, call 432-5023.
Pain Control in Dentistry: An Update in Analgesics and Local Anesthetics (Calgary)—27 April
Pain Control in Dentistry: An Update in Analgesics and Local Anesthetics (Edmonton)—28 April

Notices

Ernest Reinhold Retirement Party

Ernest Reinhold, Director of Colleges and University Liaison and formerly Professor of German in

the Department of Germanic Languages and Associate Dean of Arts (Student Programs and Curriculum), is retiring 31 August 1985. His current assignment as Director of Colleges and University Liaison will end 30 June 1984 when he will leave the campus. The Department of Germanic Languages is organizing a wine and cheese party in his honor 30 April from 4 to 6 p.m. at University House.

All his former and present colleagues and their spouses are cordially invited to attend. Those interested in doing so are asked to inform Mrs. Laura Lederer, Departmental Secretary, Department of Germanic Languages, 206 Arts Building, by Tuesday, 24 April, at the very latest and include a cheque in the amount of \$6 per person.

Curling League Wrapup

The Faculty Curling League's annual banquet and dance will be held 19 April at 6 p.m. in the Lister Hall Banquet Room. Tickets (\$15) can be obtained in advance from Greg Morrison, Department of Anatomy, 432-3739, or at the door.

Curlers interested in joining the league next season are invited to write to Greg Morrison, Department of Anatomy, 5-34 Medical Sciences Building.

CITL Welcomes Borrowers

The Committee for the Improvement of Teaching and Learning has purchased the videotape "Performer, Researcher, Organizer: Teaching Roles in Higher Education." It may be borrowed from CITL (230 Assiniboia Hall, 432-2826) as may the audiotape of a recent presentation by Christopher Knapper entitled "Evaluating University Teaching—The Need for New Initiatives."

Happy 100th Ottawa

The University of Ottawa is inviting all former students back to campus for three days of celebration in June to mark the 100th anniversary of the U of O Alumni Association.

From 1 to 3 June, the focus will be on former students and staff members getting together to renew old friendships and to join in a wide variety of social and cultural activities, including a golf tournament, a barbecue, a civic reception, and a grand banquet.

To obtain further information and registration kits write: Alumni Centennial, Alumni Secretariat, University of Ottawa, Ottawa, Ontario K1N 6N5. Telephone (613) 231-2981.

Surplus Equipment

The equipment appearing in this column is available only to University Departments with University Administered Funds. For further information about the purchase of equipment or the disposal of any of your department's surplus equipment, contact Roslyn Hanchard or Roy Bennett, telephone 432-3208.

For Sale: 1 Better Build glassware washer.
For more information, telephone S. Ross, 432-3298.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Reference Librarian, Law Library

The University of Alberta Library invites applications for the position of Reference Librarian in the John Alexander Weir Memorial Law Library. Qualifications required include a degree in library science, a law background, and progressively responsible experience in reference services, including bibliographic instruction and facility in computer search services. Some involvement in collection development activity is also a requirement.

The incumbent will report to the Area Coordinator of the Law Library and may be appointed at the Librarian 2 level with a salary range of \$29,720 to \$37,420 or at the Librarian 3 level with a salary range of \$33,020 to \$40,720, depending upon experience and qualifications.

Date of appointment is 1 August 1984.

Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Peter Freeman, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. Closing date is 30 April 1984.

Head, Health Sciences Library

The University of Alberta Library invites applications for the position of Head, Health Sciences Library. Qualifications required include a degree in library science, significant administrative experience, and a background in health sciences.

Reporting directly to the Chief Librarian, the incumbent is responsible for operation and development of the Health Sciences Library with particular responsibility for planning, policy formulation, budget preparation and control, and staff development. Oversight of the collection development process and liaison with teaching departments is also involved. The Health Sciences Library will move into new quarters in the Health Sciences Centre in August 1984. At that time it is expected that the incumbent will supervise seven professional staff and fifteen support staff.

The position is classified at the Librarian 5 level, with a salary range of \$42,644 to \$52,528 (1983-84). The date of appointment is 1 September 1984.

Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Peter Freeman, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. Closing date is 30 June 1984.

Chairman, Selection Committee, Religious Studies

The Chairman Selection Committee, Department of Religious Studies, will be holding its meetings this month. The committee invites nominations for Chairmanship. Interested faculty members may nominate a colleague or volunteer themselves. Nominations should reach the Office of the Dean of Arts, Humanities Centre, by 19 April.

Administrative Officer, Department of Chemistry

Applications are invited for the position of Senior Administrative Officer, Department of Chemistry. The department is a large teaching and research department within the Faculty of Science with a total staff of more than 300 people.

Duties include the supervision of the financial, physical and personnel resources of the department, and management of the day to day operations. The successful applicant will assist in the formulation, implementation, and enforcement of departmental policies in a broad range of ar-

eas. The position calls for someone with initiative, imagination and tact, and who is capable of working with a variety of people. Applicants must have several years of administrative and managerial experience, preferably in a university setting. A university degree, especially a BSc, is preferred.

The Senior Administrative Officer reports to the Department Chairman. The salary offered will be commensurate with qualifications and experience: the salary range is \$35,000 to \$45,000 per annum. The position should commence no later than 15 August 1984.

Applications, including a résumé and the names of three referees, should be sent to: Dr. R.J. Crawford, Chairman, Department of Chemistry, University of Alberta, Edmonton, Alberta T6G 2G2.

Closing date for receipt of applications is 15 May 1984.

Chairman, Canadian Studies Program

The Canadian Studies Committee in the Faculty of Arts seeks a new Chairman for the Committee and of the Canadian Studies Program, effective 1 July 1984. The term for this position is normally three years. Canadian Studies is an interdisciplinary degree program with some 30 students currently enrolled. Duties include calling and conducting full Committee meetings at intervals throughout the year; preparing budgets; representing the Program in University councils and to the public; performing routine administration; being available to students; and directing the on-going development of the Program, especially in curriculum.

Suggestions of suitable candidates for this position, or self-nominations, may be sent by 15 May 1984 to the Chairman of the Search Committee, Dr. John Eagle, Department of History, 2-69 H.M. Tory Building, (telephone 432-3535), University of Alberta, Edmonton, Alberta T6G 2H4.

Administrative Officer, Faculty of Law

Applications are invited for the position of Administrative Officer, Faculty of Law.

Duties include full budget responsibilities (operating, capital and trust), personnel management, preparation of statistical reports, liaison with the legal profession, Secretary to Law Faculty Council, and a variety of other duties related to faculty administration.

This is an Administrative/Professional Officer position, reporting directly to the Dean, and salary will be commensurate with qualifications and experience (approximately \$27,000).

Applications, with résumé and names of two referees, should be sent to: APO Selection Committee, Room 481, Law Centre, University of Alberta, Edmonton, Alberta T6G 2H5.

Closing date for receipt of applications is 30 April 1984.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an on-going

basis, these vacancies cannot be guaranteed beyond 5 April 1984. For a more up-to-date listing, please consult the weekly *Employment Opportunities Bulletin* and/or the postings in *PSSR*.

Clerk Typist II (\$1,161-\$1,390) Community Relations
Clerk Typist II (\$1,161-\$1,390) Graduate Studies
*Clerk Steno II (\$1,161-\$1,390) Business
*Clerk Steno II (\$1,161-\$1,390) Nursing
Senior Financial Records Clerk (\$1,294-\$1,561) Housing and Food Services
Clerk Typist III (Part-Time) (\$518-\$624) Home Economics
Clerk Typist III (Trust) (\$1,294-\$1,561) Immunology
Clerk Steno III (\$1,294-\$1,561) Computing Science
Clerk Steno III (\$1,294-\$1,561) Obstetrics and Gynaecology
Clerk Steno III (\$1,294-\$1,561) Registrar's Office
*Admissions-Records Clerk (\$1,294-\$1,561) Registrar's Office
Secretary (\$1,442-\$1,766) Stomatology
*Secretary (\$1,442-\$1,766) Physical Plant
Departmental/Executive Secretary (\$1,625-\$2,003) Pharmacy
Departmental/Executive Secretary (\$1,625-\$2,003) Nursing
Departmental/Executive Secretary (\$1,625-\$2,003) Housing and Food Services
Departmental/Executive Secretary (\$1,625-\$2,003) Native Affairs
Departmental/Executive Secretary (\$1,625-\$2,003) Genetics
Departmental/Executive Secretary (\$1,625-\$2,003) Health Services Administration and Community Medicine
Technician I (Part-Time, Trust) (\$749-\$921) Anatomy
*Storeman II (\$1,390-\$1,697) Central Stores
*Audiovisual Technician I/II (\$1,442-\$2,092) Instructional Technology Centre
Animal Technician I/II (Trust) (\$1,497-\$2,092) Pediatrics
Security Officer I (\$1,625-\$2,003) Campus Security
Technician II/III (Trust) (\$1,697-\$2,378) Pediatrics
Technician II/Technologist II (Trust) (\$1,697-\$2,378) Immunology
Biology Technologist II (Trust) (\$1,920-\$2,378) Genetics
Typographical Tradesman II (\$1,920-\$2,378) Printing Services
Biology Technologist II/III (Trust) (\$1,920-\$2,710) Pediatrics
Plant Operator II (\$2,280-\$2,834) Physical Plant
Programmer/Analyst III (\$2,596-\$3,239) Computing Science

**In accordance with current Hiring Freeze policy, applications for these positions are restricted to current non-academic staff for a period of 10 working days.*

For vacant library positions, please contact the Library Personnel Office, Basement, Cameron Library. Telephone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent

insertions. There are no refunds. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Accommodations available

Rent - Furnished house, May, June, July. Close to University. Reasonable. 428-5646 days, 436-8347, evenings.

For sale - Adorable, renovated, two-storey (Belgravia), fireplace, sunporch, balcony. \$92,900. DeAnna Larson, 481-0936. Spencer's.

Home to share - In Pleasantview with all amenities. \$325. Private phone. Call Audrey, 436-7456, 436-5661.

For sale - Parkallen jewel! Excellent condition, vacuum system, bow window, two single garages (one attached). \$79,500. DeAnna Larson, 481-0936. Spencer's.

Sublet - May through August, fully furnished, one-bedroom apartment. Near campus. Swimming pool, tennis and other amenities. Call collect, 289-1812 Calgary.

For sale - Farm, by owner. 80 acres, #1 cultivated soil. Cozy, renovated home, beautifully landscaped, granaries, barn, excellent wells, cattle-waterers. Large, additional, cedar studio. \$130,000. 1-662-3596.

Rent - Three-bedroom house, two baths, double garage. Five minutes to U of A. Five appliances. Two year lease available. Non-smokers. 455-2947.

Rent - Beautifully furnished, executive house. Near University. July-August. 438-1004, evenings.

Rent - Great house for summer. Furnished, four bedrooms, patio, deck, garage, University area. \$600/month. 1 May-1 Sept. 436-0455.

Sale - South Garneau, two-bedroom bungalow. Large verandah, hardwood floors, fireplace. Excellent condition. 433-1126 evenings.

Sale - By owner. Renovated, two-storey, two-bedroom house. Hardwood floors throughout. Enormous kitchen. Artist's studio in basement, rentable as suite, separate entrance. Near Whyte, walk to University. \$85,000. 439-6528.

Sale - Just listed, two-bedroom bungalow. Easy access University. Two bedrooms down, hardwood floors, south yard. \$55,000. Joyce Byrne, Spencer's. 435-6064, 436-5250.

Rent - Three-bedroom home. 1 May. Walking distance University. \$750/month. 475-4651.

Sale - Close to University, historical, two-storey charmer. Three bedrooms, six appliances. \$98,500. 435-6468.

Wanted: Two or three people to share furnished house for Spring Session. 1 May-30 June. 452-6694.

For rent - 15 May-15 August. Furnished, four-bedroom, Mill Creek, family home. Reasonable rent in exchange for cat care. 433-4687.

Rent - Furnished, west end house. Three bedrooms, study, excellent bus to University. No smokers. Care of house our priority. \$600/month (negotiable), 1 July 1984-30 June 1985. 487-8523.

Sale - Parkview bungalow, 15 minutes from University. 1,273 sq. ft., large kitchen, hardwood floors, five bedrooms (three up, two down), fully developed basement, seven appliances, drapes. \$95,000. 489-0151.

For sale - Riverbend, two-storey. \$136,900./Lansdowne bungalow, \$115,000./Riverbend, bungalow, \$109,000./Grandview bungalow, exclusive, \$148,000./Call Liz Crockford, Spencer Real Estate. 436-5250. 434-0555 res.

For sale - Saskatchewan Drive. Custom built, cedar bungalow, featuring formal rooms overlooking the valley and parklike yard. Two fire-

places. Newer, modern kitchen. Double garage. Liz Crockford, Spencer's, 436-5250, 434-0555.

Sale - Walking distance of University. Price \$99,500. Semibungalow, six rooms, sunporch. All new wiring, cabinets, toilets. Security locks, hardwood floors, woodburning fireplace. Call Lois Frost, 436-3050. Langley Realty.

Sale - New listing, Parkallen. Three-bedroom home. Superb lot, location. Basement suite. \$84,500. Joyce Byrne, 435-6064, 436-5250.

For sale - South Garneau. Two-bedroom plus den condo. \$99,500. By owner, 439-9526. Open house, Sunday, 2-5 p.m. 11115 80 Ave., Ring #11.

Rent - 68 Ave. and 112 St. One-bedroom, semi-basement. \$300. Mid-April or May. Clean, quiet condo. 434-6112.

Sale - Lendrum. Immaculate, three-bedroom bungalow. Recently developed basement. Includes stove, feature wall, fireplace. Double, heated garage. Treed, fenced, extra large lot. 435-5108, anytime for viewing.

Sale - Belgravia. Large, three-bedroom bungalow. Attached garage, family room with fireplace and attached greenhouse. Skylights, extra bedrooms, bathroom, large rumpus room, down. \$149,000. 435-2283 evenings.

Rent - Five bedrooms, double garage, on small, oval park. Aspen Gardens. \$550. July-Aug./Sept. 1985. (Approximately). 436-8729.

Sale - Ravine Drive. \$269,900. Beautifully renovated, executive home. Wooded, ravine lot, south garden. Five appliances, security system. Eleanor Duncan, Langley, 434-7368.

Sale - Bluequill Ravine lot. Sacrifice, \$99,900. Eleanor Duncan, Langley, 434-7368.

Sale - Grandview. \$159,900. Open beam, four bedrooms, two fireplaces, upgraded carpet, air conditioning. Eleanor Duncan, Langley, 434-7368.

Rent - 1 August 1984 to 30 July 1985. Furnished house in Laurier Heights. Four bedrooms, two baths. Near bus, schools, 12-minute drive to University. \$850/month. 483-8588.

Sale - Riverbend, executive, custom built home. 3,560', five bedrooms, den, family room, four fireplaces, four baths. Double, attached garage.

Resi Richter, 483-9432. 455-4181, A.E. LePage.

Sale - Inglewood, \$71,500. Two-bedroom bungalow. Two baths, rumpus room. Resi Richter, A.E. LePage, 455-4181, 483-9432.

Sublet - May to August. College Plaza. One-bedroom apartment. Rent negotiable. Dr. Schrader, 439-9625 (res.).

Sale - Aspen Gardens. Three-bedroom bungalow. Over 1,200 sq. ft. 1 1/2 baths. Good family location. \$91,900. Please call Ken Smith, 436-3050, 434-3783. Langley Real Estate.

Rent - Belgravia. August/September for one year. Furnished, four-bedroom house. Owner on study leave. \$850/month. 436-1767.

Sublet - Two-bedroom apartment. Furnished. North Garneau house. May-August. \$280/month. 433-4168.

Rent - Three-bedroom, family house. Walking distance, south of campus. 436-4663.

Sale - Saskatchewan Drive. Spacious bungalow with peaceful, panoramic view of parkland and river valley. Updated kitchen/baths. Ideal space for main floor family room. Pat von Borstel, 437-6540, 436-5250, Spencer's.

Sale - Super, Essex House. Riverbend condominium faces south. Balcony, covered parking. Quick trip to University. 10% mortgage until Sept. 1985. Two bedrooms. Offers. Pat von Borstel, 437-6540, 436-5250, Spencer's.

Sale - Windsor Park. Three bedrooms plus study in this 1,550 sq. ft. bungalow. Large, treed lot with sunny, south sheltered patio. Owner transferred. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

Sale - Cedar, two-storey. Attractive, immaculate,

elegant. Large, family kitchen, ideal for gourmet cook. Huge master bedroom. Many other features. Call Chris Tenove, 433-5664, 436-5250. Spencer's.

For sale - University area. Newer, two-storey, fireplace, family room, double garage, beautifully decorated, superb condition and location. Asking \$99,900. Ed Lastiwka. A.E. LePage. 437-7480, 437-4984.

For sale - Belgravia home. Walk to University. Available early July. \$150,000. 436-6219.

Lot for sale - In Riverbend, 432-3650 (days) or 435-0064 (evenings).

Accommodations wanted

Professional/family. Four-bedroom, Belgravia/Windsor Park. 1 July. 434-2661.

U of A faculty couple need house/apartment (furnished/semi-furnished) near campus. 15 August to December 1984. 432-0864.

Post Doc. and family (three school age) from Ireland, require house for 6-12 months, from June. Careful tenants, will care for pets/garden. Please contact Dr. J. Ennett, c/o Dr. M. Cowie, Chemistry Department. 432-5581.

Two/three-bedroom home. 1 May, University area.

Responsible adults. Rene, 436-3050, 428-0867.

Wanted, two-bedroom, furnished suite for academic year 1984-85. Quiet, mature, female students. Non-smoking, prefer close to University. Phone 432-0007 or 432-0175, before 28 April.

Professional, German family. 4-6 bedrooms, beginning August 1984 for one year. Prefer furnished. Please call, 482-1115.

Married couple, non-smokers, are looking for a two-bedroom house to rent. Must be University area or downtown. Call 428-2986 (days), 488-2276 (evenings/weekends).

Goods for sale

Sale - Shag carpet. Gold, used but clean. Approximately 8x4 yards. \$150. Call Kim, 432-3735 or 421-1281.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.

Singing teacher, Eileen Turner, 439-4661.

Word processing - \$18/hour. Typing - from \$1.50/page. Greek symbols and equations. 432-0138.

American tax returns, Eberlein Consulting. 434-0563.

Will type manuscripts, etc., for professors. 473-4404.

Academic staff: Supplementary healthcare reimburses treatment costs for backaches, stress ten-

sion at Back Basic Therapy. Maria Krieg, university-trained in Düsseldorf, offers: Heat, massages, chiogymnastics, interferential electrotherapy. 436-8059. 11627 75 Ave.

Income tax returns prepared by professional accountant. Phone 483-2035 evenings, anytime weekends.

Cleaning lady available, excellent references. \$8/hour plus bus fare. Phone 436-7041 evenings or weekends to contact.

Microcomputer trainer: If you can give training on the use of the Wordstar word processing package, on an Apple IIe, contact Bert at 432-5052 daytime or 437-5195 evenings and weekends.

Will do books for small companies - A/P, A/R up to and including trial balance and some financial statements. 438-0636, Clar.

French Course for Professionals

Faculté Saint-Jean

May 7 to 25, 1984

For Information Call: 468-1254 Ext. 246

COLD SORES!

Do you suffer from recurring cold sores?

Would you like to participate in a CONFIDENTIAL, controlled study by a University of Alberta research team investigating a promising anti-viral medication?

For more information, call Sheri or Joanne at 432-2691.

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If you are planning to:

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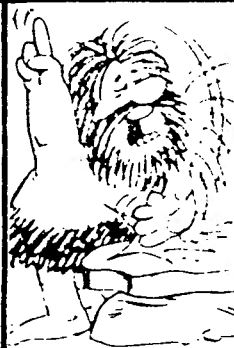
- attractive interest rates
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Teachers' Co-op has been helping educators buy homes for more than 30 years. We have the mortgage for you. Call us today!

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Telephone: **453-3902** Collect calls are accepted.

AUCTION !!



The Materials Management Department will be holding their 2nd annual auction on June 2, 1984. If your department has suitable equipment, please contact Roslyn Hanchard (5438) prior to May 11th.

Tax
Preparation and Consulting
Canadian and U.S.
Individual and Corporate
Eberlein Consulting Services Ltd.
434-0563

- Aquacises
 - Mixed level---1210---Mon/Wed
 - Intermediate---1210---Tues/Thurs
 - Early Bird---0645---Mon/Wed
 - (Swimming ability not required)
- The Early Birds
 - 0645---Mon/Wed/Fri
 - Beginners Fitness
 - Regulars (Int. Level)
 - Advanced level
 - Aerobic Dance (Mixed level)
 - Aqua-Fitness (Beg/Int)
 - Aquacise (Tues/Thurs)

- Special Courses
 - Adult Roller Skating Instruction
 - Family Roller Skating Instruction
 - Relaxercises---1210---Tues/Thurs
 - Runners Yoga---1210---Mon
 - CPR Instruction -Heart Saver---Tues, June 5
 - Basic Rescuer---1900---Tues/Thurs---June 12-21

- Registering Now

Spring staff fitness and lifestyle program

april 24-june 29

- Aerobic Exercise
 - with Sylvie Boulanger
 - Beg/Int---1210---Tues/Thurs
 - Beg/Int---1645---Mon/Wed
 - Int/Adv---1645---Tues/Thurs
 - (aerobics without the dance)
- New Beginners Aerobic Dance
 - 1210---Mon/Wed
 - 1210---Tues/Thurs
 - 1645---Mon/Wed
 - 1645---Tues/Thurs
- Effective Tues. May 1 all late afternoon classes will start 30 minutes earlier

- Hatha Yoga for Beginners
 - with Indira Saroya
 - 1645---Tues/Thurs
- Advanced and Intermediate Aerobic Dance
 - with Michelle Polanski
 - Super Advanced---1210---Tues/Thurs
 - Lillian Ilica---Advanced
 - Advanced Aerobics---1645---Mon/Wed
 - Kim Hammond
 - Macho Aerobics Plus---1210---Mon/Wed
- Tai Chi
 - with Gordon Chan
 - Beginners---1210---Tues/Thurs
 - Beginners---1645---Tues/Thurs
 - Intermediates---1645---Mon/Wed
- Keep Fit Classes Beginners
 - with Art Burgess
 - Beginners---1210---Tues/Thurs
 - Rene Turcotte
 - Intermediate---1210---Mon/Wed
 - Lazollo Prostraniteli
 - Advanced---1210---Mon/Wed
- A 20 lesson course---\$48.00
 - A 3rd lesson per week---\$24.00
 - 10 lesson (vacationers) block---
 - April 24/May 25---\$35.00
 - May 28/ June 29---\$35.00
- For information phone Campus Recreation---432-5607